

Claims

1. A liquid preparation of a paper dye comprising

a) 15 to 50% by weight of the dye of the formula



in which

CuPc represents copper phthalocyanine, or the alkali metal salt of (1),

b) 5 to 15% by weight of ϵ -caprolactam,

c) 1 to 8% by weight of formic acid,

d) 1 to 7% by weight of benzyl alcohol,

e) 0 to 3% by weight of a lower aliphatic organic acid,

f) 0 to 5% by weight of an inorganic salt and

g) water, to complete to 100% by weight.

2. A liquid preparation of a paper dye according to claim 1, comprising 20 to 30% by weight of the dye of the formula (1).

3. A liquid preparation of a paper dye according to claim 1 or claim 2, comprising 8 to 12% by weight of ϵ -caprolactam.

4. A liquid preparation of a paper dye according to any one of claims 1 to 3, comprising 2 to 5% by weight of formic acid.

5. A liquid preparation of a paper dye according to any one of claims 1 to 4, comprising 4 to 6% by weight of benzyl alcohol.

6. A liquid preparation of a paper dye according to any one of claims 1 to 5, comprising 0 to 1% by weight of a lower aliphatic organic acid.

7. A liquid preparation of a paper dye according to any one of claims 1 to 6, comprising 0.5 to 3% by weight of an inorganic salt.

8. A process for the preparation of a liquid preparation according to any one of claims 1 to 7 by mixing the components a) to g), as defined in any one of claims 1 to 7.

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9. A process for the dyeing of paper, by treating the paper with a liquid composition as defined in any one of claims 1 to 7.

10. Paper, which has been dyed with a liquid preparation as defined in any one of claims 1 to 7, or which is obtainable according to the process defined in claim 9.

11. Use of the liquid preparation according to any one of claims 1 to 7 for the dyeing of paper.